

K2601 PCT

- 9 -

< Such as circular cross sectional area, minimal cross sectional area, length of connector section, and/or minimal sectional modulus, >

CLAIMS

1. Process for the processing of data regarding the three-dimensional shape of a dental prosthesis, which has two prosthesis sections and a connector section, said connector section being connected to the two
5 prosthesis sections and less stable than the two prosthesis sections, said process comprising the steps that:
- a stability parameter, ^{←2)} and a stability criterion are determined for the connector section;
 - for the stability parameter, the actual value is calculated from the
10 data;
 - it is checked for the connector section as to whether the actual value fulfills the stability criterion, and if not, that a warning signal is generated,
- wherein the determination of the stability criterion is dependent on at
15 least one of the following prosthesis attributes:
- the configuration of the prosthesis; and/or
 - the position of the prosthesis inside the mouth; and/or
 - the material and/or the cross-sectional profile of the connector section; and/or
20 - the type of the prosthesis sections adjoining the connector section.
2. Process according to one of the preceding claims, in which the stability criterion includes a limit to which the actual value is compared.
3. Process according to one of the preceding claims, in which the minimal cross-sectional area of the connector section is one stability parameter and the stability criterion comprises a lower limit for it.
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4. Process according to one of the preceding claims, in which the length of the connector section is one stability parameter and the stability criterion comprises an upper limit for it.